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Patent  
Case No.: 58561US004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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First Named Inventor: KASPAR, HARALD

Application No.: 10/774154

Group Art Unit:

Filed: February 6, 2004

Examiner: Unknown

Title: MELT-PROCESSIBLE THERMOPLASTIC FLUOROPOLYMERS HAVING  
IMPROVED PROCESSING CHARACTERISTICS AND METHOD OF  
PRODUCING SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

| CERTIFICATE OF MAILING   |                          |
|--|--------------------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: |                          |
| May 7, 2004  | <i>Carol Decaire</i>     |
| Date   | Signed by: Carol Decaire |

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

May 5, 2004

Date

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

By:

*Brian E. Szymanski*  
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|  |                             |                  |
|--|-----------------------------|------------------|
| <b>Substitute for form 1449A/PTO (revised)</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary)<br><br>Page 1 of 1 | <b>Application Number</b>   | 10/774154        |
|  | <b>Filing Date</b>          | February 6, 2004 |
|  | <b>First Named Inventor</b> | Kaspar, Harald   |
|  | <b>Art Unit</b>             |                  |
|  | <b>Examiner Name</b>        |                  |
|  | <b>Attorney Case Number</b> | 58561US004       |

| U.S. Patent Documents |          |                                  |  |   |   |
|-----------------------|----------|----------------------------------|--|---|---|
| Exam. Init.*          | Cite No. | Document Number                  | Publication Date or Issue Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document     | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       |          | Doc. Number-(Kind Code if Known) |  |   |   |
|                       | A1       | US- 3,505,416                    | 04/07/1970                                   | Davis et al   |   |
|                       | A2       | US- 3,969,435                    | 07/13/1976                                   | Bailey et al (English Lang. Equiv. of DE-A-2613795) |   |
|                       | A3       | US- 4,001,351                    | 01/04/1977                                   | Roura (English Lang. Equiv. of DE-A-2613642)        |   |
|                       | A4       | US- 4,029,868                    | 06/14/1977                                   | Carlson (English Lang. Equiv. of DE-A-2710501)      |   |
|                       | A5       | US- 4,600,651                    | 07/15/1986                                   | Aufdermarsh et al                                   |   |
|                       | A6       | US- 4,743,658                    | 05/10/1988                                   | Imbalzano et al                                     |   |

| Foreign Patent Documents |          |                         |                             |                                |   |   |                            |
|--------------------------|----------|-------------------------|-----------------------------|--------------------------------|---|---|----------------------------|
| Exam. Init.*             | Cite No. | Foreign Patent Document |                             | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation (Check if yes) |
|                          |          | Ctry. Code              | Number-Kind Code (if known) |                                |   |   |                            |
|                          | B1       | EP                      | 0 075 312 A2                | 03/30/1983                     |   |   | X                          |
|                          | B2       | EP                      | 0 088 414 A2                | 09/14/1983                     |   |   | X                          |
|                          | B3       | EP                      | 0 208 305 A2                | 01/14/1987                     |   |   | X                          |
|                          | B4       | EP                      | 0 362 868 A2                | 04/11/1990                     |   |   | X                          |
|                          | B5       | EP                      | 0 845 147 B1                | 06/03/1998                     |   |   | X                          |
|                          | B6       | PCT                     | WO 00/69969                 | 11/23/2000                     |   |   | X                          |
|                          | B7       | PCT                     | WO 02/00741 A1              | 01/03/2002                     |   |   | X                          |

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |          |  |
|---|----------|--|
| Exam. Init.*                                      | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume+issue number(s), publisher, city and/or country where published |
|   | C1       | Chemical Abstracts, 1970, Vol. 73, p. 294  |
|   | C2       | J. Rheolog. Acta 17 (1978) p. 415  |
|   | C3       | J. Rheol. 23 (1979) p. 421   |
|   | C4       | Macromolecules 2000, Wood-Adams et al., Vol. 33, No. 20, pp. 7489-7499   |
|   | C5       | Macromolecules 2001, Garcia-Franco et al., Vol. 34, No. 10, pp. 3115-3117  |

\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OF PRODUCING SAME

**Enclosures:**

Information Disclosure Statement, Form PTO-1449, and  
cited references.

Amount charged to Deposit Account: \$0.00

Attorney (initials): BES/cd

Date: May 7, 2004

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